

## **SUMMARY** [\[Portfolio\]](#)

Driven and detail-oriented Computer Science graduate with a strong foundation in Java, Python, C/C++, and JavaScript, coupled with a robust understanding of the software development life cycle, data structures, algorithms, and kernel-level programming. Gained practical experience through the university's enterprise-sponsored projects and an IT Technician position, where I developed leadership skills, excellent customer service skills, technical proficiency, and enhanced my problem-solving abilities. Enthusiastic about leveraging my skills in agile scrum methodology and a customer-centric mindset to contribute to the development and optimization of innovative software solutions. Actively seeking an entry-level software engineering position where I can further hone my skills and grow as part of a dynamic team, starting as early as summer 2024.

## **EDUCATION**

Michigan Technological University | Houghton, MI

**BS Computer Science** | Minor Cybersecurity

Expected May 2024

GPA: 3.71 | Department GPA: 3.55

## **COMPUTER and TECHNICAL SKILLS**

- C/C++
- System Programming
- React/Vite/Next
- Object Oriented Programming
- Docker
- Data Structure
- Git/GitHub//BitBucket/GitLab
- AWS
- Concurrent Programming

## **PROJECT EXPERIENCE**

River Crossing Concurrent Program | Michigan Tech

Jan 2023 – May 2023

**Project** [\[Git\]](#): Utilized ThreadClass.h library to designed a Hoare Style Monitor that simulates a river crossing scenario using threads and a monitor and enforcing safety rules.

Hungry Eagles | Michigan Tech

Jan 2023 – May 2023

**Project** [\[Git\]](#): Utilized the ThreadClass.h library and implemented a multithreaded C++ program using semaphores and mutex locks to simulate the behavior of a family of eagles consisting of a mother eagle, baby eagles, and feeding pots.

## **ENTERPRISE EXPERIENCE**

Human Interface Design Enterprise (HIDE) | Michigan Tech

**Project** [\[Git\]](#): HIDE Little Brother Friends of the Elderly - Full Stack developer

Jan 2022 - May 2022

Engineered a comprehensive administration website and a mobile tracking application for Little Brother - Friends of the Elderly, enhancing service delivery within the elderly community of Houghton.

- Developed a dynamic driver task updates page using the Laravel and Vue.js frameworks; rigorously tested API routes using Postman in conjunction with Microsoft SQL Server.

**Project** [\[Git\]](#): HIDE GM Car Comparison - Full Stack developer | CoLead

Jan 2024 - May 2024

Led the development of a user-centric car comparison web application, significantly improving decision-making for vehicle shoppers and enthusiasts by facilitating easy comparison of various automobile features.

- Organize tasks for delegation among team members of varying skill levels. Employ React and Vites for the front-end, alongside Django integrated with SQL support for the backend.

## **WORK HISTORY**

**MTU IT Lab Maintenance/Mac Team:** Houghton, MI

Sep 2021 – Present

- Troubleshoot and maintain the University's printers and computers
- Maintain operations through Atlassian, Jamf Pro/Composer, Slack, and Team Dynamics
- Advise, image, remotely manage, deploy, and maintain university managed Apple products

## **Certification**

**AWS Certified Cloud Practitioner**

Aug 2023 – Aug 2026

- Expressed fundamental understanding of IT services and their uses in the AWS Cloud.

## **CO-CURRICULAR INVOLVEMENT**

**NCSA - DevTeam: Full Stack Developer**

Sep 2021– Present

- Designed and implemented a lab hours tracking application to efficiently organize and manage lab schedules for new members.
- Leveraged Figma for UI/UX design, GitLab for version control, and React combined with Next.js to develop a robust, collaborative platform that meets our team's objectives.

**HIDE Management - GM Car Comparison Co-Lead**

Jan 2023 - Present